

Ag Digest

Released: Late January 2005

Bi-Monthly

Vol. 05 No. 02

IN THIS ISSUE

Manufactured Dairy Production
 Milk Production
 Potato Stocks
 Grain Stocks
 Crop Production Annual Summary
 Poultry Slaughter
 Turkeys Raised

PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Nov 2003	Oct 2004	Nov 2004
000 Lbs.			
PENNSYLVANIA			
Butter	3,915	4,679	4,571
Ice Cream	2,912	3,732	3,467
UNITED STATES			
Butter	88,436	101,549	99,077
Cheese:			
American Types	291,085	310,384	305,606
Swiss	22,492	23,274	22,537
Brick and Muenster	7,325	7,420	7,117
Cream and Neufchatel ..	70,615	73,213	71,406
Mozzarella	230,315	236,004	247,656
Other Italian	58,869	65,107	63,550
Total Italian Types	289,184	301,111	311,206
All Other	18,686	20,298	20,267
Total	710,036	748,059	749,581
NF Dry Milk, Human	110,865	94,769	94,494
Yogurt, Plain & Flavored ..	174,197	209,084	189,367
000 Gal.			
FROZEN PRODUCTS:			
Ice Cream, Hard	59,530	68,468	60,086
Ice Cream, Lowfat	21,285	30,233	26,655
Ice Cream, Nonfat	1,344	1,655	1,116
Sherbet, Hard	3,169	3,582	3,427
Frozen Yogurt, Total	4,399	4,813	4,422
MIX FOR PRODUCTS:			
Ice Cream Mix	34,525	37,658	33,098
Ice Cream Mix, Lowfat ..	12,652	16,728	14,758
Ice Cream Mix, Nonfat ..	946	1,035	733
Sherbet Mix	2,222	2,665	2,570
Yogurt Mix	2,733	2,831	2,601

The Keystone Ag Digest may be found on the Internet at the following address:

www.nass.usda.gov/pa/agdigest.htm

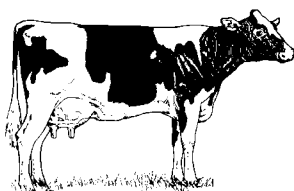
MILK PRODUCTION

Milk production in **Pennsylvania** during December 2004 totaled 842 million pounds, up 1.2 percent from last December's production. The number of milk cows in the state during the month averaged 565,000 head, up 2,000 from November and 3,000 head more than December 2003.

Production per cow averaged 1,490 pounds in December, 70 pounds more than November, and 10 pounds more than in December 2003.

Milk production in the **20 states surveyed** during December 2004 totaled 12.4 billion pounds, up 1.0 percent from production in these same states in December 2003. November revised production, at 11.9 billion pounds, was up 1.2 percent from November 2003. The November revision represented an increase of 5 million pounds from last month's preliminary production estimate.

Production per cow in the 20 major States averaged 1,602 pounds for December, 6 pounds above December 2003. The number of milk cows on farms in the 20 major states was 7.76 million head, 47,000 head more than December 2003, but 4,000 head less than November 2004.



DAIRY PRODUCTS

United States' butter production was 99.1 million pounds in November, 12.0 percent above November 2003 but 2.4 percent below October 2004. Total cheese output (excluding cottage cheese) was 750 million pounds, 5.6 percent above November 2003 and 0.2 percent above October 2004. American type cheese production totaled 306 million pounds, 5.0 percent above November 2003 but 1.5 percent below October 2004. Frozen desserts (comparisons with November 2003): ice cream, regular (hard) -- 60.1 million gallons, up 0.9 percent; ice cream, lowfat (total) -- 26.7 million gallons, up 25.2 percent; ice cream, nonfat (hard) -- 1.12 million gallons, down 17.0 percent; sherbet (hard) -- 3.43 million gallons, up 8.1 percent; frozen yogurt (total) -- 4.42 million gallons, up 1 percent.

MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			20 States		
		Dec 2003	Nov 2004	Dec 2004	Dec 2003	Nov 2004	Dec 2004
Milk Cows	Thous.	562	563	565	7,713	7,764	7,760
Milk Per Cow	Lbs.	1,480	1,420	1,490	1,596	1,526	1,602
Milk Production	Mil. Lbs.	832	799	842	12,313	11,851	12,432

ANNUAL SUMMARY OF FIELD CROPS

Crop	Year	Pennsylvania				United States				Unit
		Acreage (000)		Production		Acreage (000)		Production		
		Planted	Harvested	Per Acre	(000)	Planted	Harvested	Per Acre	(000)	
Corn	2002	1,400	840 ¹	68.0	57,120	78,894	69,330 ¹	129.3	8,966,787	Bu.
	2003	1,450	890 ¹	115.0	102,350	78,603	70,944 ¹	142.2	10,089,222	Bu.
	2004	1,400	980 ¹	140.0	137,200	80,930	73,632 ¹	160.4	11,807,217	Bu.
Wheat, Winter	2002	190	185	53.0	9,805	41,766	29,742	38.2	1,137,001	Bu.
	2003	175	165	43.0	7,095	45,384	36,753	46.7	1,716,721	Bu.
	2004	140	135	49.0	6,615	43,350	34,462	43.5	1,499,434	Bu.
Oats	2002	140	115	61.0	7,015	4,995	2,058	56.4	116,002	Bu.
	2003	140	110	59.0	6,490	4,597	2,220	65.0	144,383	Bu.
	2004	130	110	55.0	6,050	4,085	1,792	64.7	115,935	Bu.
Barley	2002	70	60	74.0	4,440	5,008	4,123	55.0	226,906	Bu.
	2003	75	65	61.0	3,965	5,348	4,727	58.9	278,283	Bu.
	2004	65	55	62.0	3,410	4,527	4,021	69.4	279,253	Bu.
Sorghum	2002	11	3 ²	48.0	144	9,589	7,125 ²	50.6	360,713	Bu.
	2003	15	5 ²	87.0	435	9,420	7,798 ²	52.7	411,237	Bu.
	2004	12	4 ²	83.0	332	7,486	6,517 ²	69.8	454,899	Bu.
Soybeans	2002	405	390	26.0	10,140	73,963	72,497	38.0	2,756,147	Bu.
	2003	380	375	41.0	15,375	73,404	72,476	33.9	2,453,665	Bu.
	2004	430	425	46.0	19,550	75,208	73,958	42.5	3,140,996	Bu.
Hay, All	2002	-	1,730	1.99	3,448	-	63,942	2.34	149,467	Ton
	2003	-	1,650	2.47	4,070	-	63,383	2.49	157,585	Ton
	2004	-	1,700	2.53	4,296	-	61,916	2.55	157,774	Ton
Hay, Alfalfa	2002	-	680	2.60	1,768	-	22,923	3.19	73,014	Ton
	2003	-	550	3.00	1,650	-	23,529	3.24	76,273	Ton
	2004	-	540	2.80	1,512	-	21,707	3.47	75,383	Ton
Tobacco, All	2002	-	3.4	2,004	6,815	-	427.3	2,039	871,122	Lbs.
	2003	-	3.7	2,130	7,880	-	411.2	1,952	802,654	Lbs.
	2004	-	4.0	2,025	8,100	-	409.1	2,159	883,171	Lbs.
Potatoes, Fall	2002	12.5	11.5	185	2,128	1,134.1	1,105.2	374	413,581	Cwt.
	2003	13.0	12.5	270	3,375	1,106.0	1,090.9	376	410,588	Cwt.
	2004	12.0	11.0	240	2,640	1,039.7	1,022.8	401	410,023	Cwt.

¹ Corn for grain, remainder of planted acres for silage and other uses. ² Sorghum for grain, remainder of planted acres for silage and other uses.

CROP PRODUCTION

Based on year end acreage and yield data, production of corn for grain, dry hay other than alfalfa, soybeans, Southern Maryland type tobacco, and maple syrup in Pennsylvania was above last year's production. Production of corn for silage, dry alfalfa hay, alfalfa haylage and greenchop, oats, winter wheat, barley, sorghum for grain and silage, fall potatoes, and Pennsylvania seedleaf type tobacco were below last year's production.

Corn for grain production totaled 137.2 million bushels, 34 percent above last year's crop. Corn acres harvested for grain was estimated at 980,000 and the average yield was 140 bushels per acre, 25 bushels per acre more than last year and 72 bushels per acre above 2 years ago. Corn for silage production at 7.2 million tons, down 10 percent from production in 2003. Acres harvested for silage totaled 400,000, down 27percent from last year. Yield was 18.0 tons per acre, 3.5 tons per acre above the yield of 2003.

Alfalfa dry hay production was 1.51 million tons, 9 percent below last year's production. Acres harvested were 540,000, a decrease of 10,000 acres from last year, with an average yield of 2.8 tons per acre. Alfalfa haylage and greenchop production was 1.98 million tons (green weight), 2 percent below last year's production. Acres harvested were 295,000, with an average yield of 6.7 tons per acre, compared to 335,000 acres and a yield of 6.0 tons per acre last year. All alfalfa forage production was 2.49 million tons (dry weight equivalent), 6 percent below last year's production. Alfalfa acres newly seeded in 2004 for crop production in 2005 totaled 120,000 acres, up 20,000 acres from a year ago. All other dry hay acres harvested totaled 1,160,000 acres, 60,000 acres above last year, with a yield of 2.40 tons per acre for a total production of 2.78 million tons, up 15 percent from last year. Total forage production on a dry equivalent basis was 5.62 million tons, 6 percent above last year's production and 20 percent above the production of two years ago. Forage was harvested from 1.98 million acres, up 2 percent from last year and 1 percent above two years ago. Average yield per acre in 2004 was 2.84 dry tons, compared to 2.74 dry tons a year ago.

Oat production was 6.05 million bushels, 7 percent less than last year's production. Harvested acres totaled 110,000, unchanged from last year and down 5,000 acres from two years ago. The yield was 55 bushels per acre, 4 bushels per acre below last year. Production of winter wheat was 6.6 million bushels, 7 percent below 2003. Harvested acres totaled 135,000, with a yield of 49.0 bushels per acre, 6 bushels per acre above last year. Winter wheat seeded in the fall of 2004 for production of a crop in 2005 totaled 180,000 acres, up 45,000 from a year ago. Barley production was 3.41 million bushels, 14 percent less than 2003. Acreage harvested was 55,000 with a yield per acre of 65 bushels.

Soybean production, at 19.6 million bushels, was 27 percent above last year's production. Acreage harvested was 425,000, which was 50,000 acres above 2003. The 2004 yield was 46.0 bushels per acre, 5 bushels per acre above a year ago.

Sorghum for grain production totaled 332,000 bushels, 24 percent below last year's crop. Sorghum acres harvested for grain totaled 4,000, down 1,000 acres from 2003. Sorghum yield was 83.0 bushels per acre, compared with a yield for grain of 87.0 bushels last year. Sorghum acres harvested for silage was set at 7,000, down 1,000 from a year ago. Silage yield was 10.0 tons per acres compared to 9.0 tons in 2003. Production of sorghum silage was 70,000 tons, down 3 percent from last year. Fall potato production, at 2.64 million hundredweight (cwt.), was 22 percent below 2003 production. Acres harvested was 11,000, down 12 percent from last year. The yield of 240 cwt. per acre was down 30 cwt. from last year's yield, but 55 cwt. per acre above the yield of two years ago.

Pennsylvania seedleaf-type tobacco production totaled 4.14 million pounds, 20 percent below last year. Acres for harvest was 1,800, down 600 acres from last year, with an average yield per acre of 2,300 pounds, 100 pounds more than last year. Southern Maryland-type tobacco production totaled 3.96 million pounds, 52 percent more than last year. Harvested acreage was 2,200, up 900 acres from last year. The average yield of 1,800 pounds per acre was down 200 pounds from last year. Maple syrup producers in Pennsylvania produced 60,000 gallons of syrup in 2004, up 15 percent from a year ago.

At the **United States** level, corn for grain production was estimated at 11.8 billion bushels, up less than 1 percent from the November forecast and up 17 percent from the 10.1 billion bushels produced in 2003. The average U.S. grain yield is estimated at 160.4 bushels per acre, 0.2 bushel above the November forecast and up 18.2 bushels from 2003. Both production and yield estimates are the largest on record. The previous record for both was set last year when production was estimated at 10.1 billion bushels and yield was 142.2 bushels per acre. Production of other major crops and changes from the previous year are as follows: corn for silage, 107.3 million tons, down 1 percent; dry alfalfa hay, 75.4 million tons, down 2 percent; other dry hay, 82.4 million tons, up 1 percent; oats, 115.9 million bushels, down 20 percent; winter wheat, 1.5 billion bushels, down 13 percent; barley 279.3 million bushels, up less than 1 percent; soybeans, 3.14 billion bushels, up 28 percent; all potatoes, 456.4 million cwt., down 1 percent; all tobacco, 883.2 million pounds, up 10 percent; and maple syrup 1.51 million gallons, up 19 percent.

PENNSYLVANIA & UNITED STATES: GRAIN STOCKS - DECEMBER 1, 2004 WITH COMPARISON

Grain	Year	Pennsylvania			United States		
		On Farms	Off Farms ¹	Total All Positions	On Farms	Off Farms ¹	Total All Positions
		(000) Bushel					
Corn	2003	55,000	6,504	61,504	5,286,000	2,667,775	7,953,775
	2004	79,000 ₂	11,716	90,716 ₂	6,144,000	3,304,798	9,448,798
Wheat	2003	₂	7,251	₂	491,925	1,028,359	1,520,284
	2004	₂	7,374	₂	531,020	899,718	1,430,738
Soybeans	2003	₂	3,110	₂	820,000	868,653	1,688,653
	2004	₂	3,833	₂	1,300,000	1,004,880	2,304,880
Barley	2003	₂	537	₂	97,200	100,679	197,879
	2004	₂	390	₂	130,700	115,476	246,176
Oats	2003	2,700	746	3,446	64,400	54,900	119,300
	2004	3,400	637	4,037	60,400	44,563	104,963

¹ Includes stocks at mills, elevators, warehouses, terminals and processors. ² Included in U.S. totals.

GRAIN STOCKS

Pennsylvania's corn stored in all positions on December 1, 2004 was 90.7 million bushels, up almost 50 percent from December 1, 2003. On-farm corn stocks amounted to 79 million bushels, while off-farm stocks were 11.7 million bushels. Wheat stored off farms totaled 7.4 million bushels. Soybeans stored off farms totaled 3.8 million bushels. Barley stored off farms was 390 thousand bushels. Oats stored in all positions were 4.0 million bushels, 3.4 million on farm and 637 thousand off farm.

Pennsylvania's on-farm stocks of wheat, soybeans and barley are not published separately but instead are included with an unallocated National total. Hay stocks on-farm on December 1, 2004 were estimated at 2.7 million tons, up almost 11 percent from a year ago.

On December 1, 2004, there were 185 off-farm storage facilities (mills, elevators, warehouses, terminals and processors) with a total grain storage capacity of 30 million bushels, up 1.4 percent from December 1, 2003. On December 1, 2004, on-farm storage capacity was 130 million bushels, unchanged from December 1, 2003.

Corn stocks in all positions on December 1, 2004 totaled 9.45 billion bushels, up 19 percent from December 1, 2003. This is the highest December 1 stocks level since 1987. Of the total stocks, 6.14 billion bushels are stored on farms, up 16 percent from a year earlier. Off-farm stocks, at 3.30 billion bushels, are up 24 percent from a year ago. The September - November 2004 indicated disappearance is 3.32 billion bushels, compared with 3.22 billion bushels during the same period last year.

Soybeans stored in all positions on December 1, 2004 totaled 2.30 billion bushels, up 36 percent from December 1, 2003. This is the largest December 1 stocks level on record, exceeding the previous record set in 2001 by 1 percent. Soybean stocks stored on farms totaled 1.30 billion bushels, up 59 percent from a year ago and set a new record high by 5 percent. Off-farm stocks, at 1.00 billion bushels, are up 16 percent from last December.

All wheat stored in all positions on December 1, 2004 totaled 1.43 billion bushels, down 6 percent from a year ago. On-farm stocks are estimated at 531 million bushels, up 8 percent from last December. Off-farm stocks, at 900 million bushels, are down 13 percent from a year ago.

Barley stocks in all positions on December 1, 2004 totaled 246 million bushels, up 24 percent from December 1, 2003. On-farm stocks are estimated at 131 million bushels, 34 percent above a year ago. Off-farm stocks, at 115 million bushels, are 15 percent above December 2003.

Stocks of all hay stored on farms totaled 114 million tons on December 1, 2004, up 3 percent from the previous year. The United States on-farm storage capacity totaled 11.2 billion bushels on December 1, 2004, up 1 percent from December 1, 2003. Capacity of off-farm commercial grain storage totaled 8.50 billion bushels in the United States on December 1, 2004, down fractionally from December 1, 2003.

FALL POTATOES: PRODUCTION & STOCKS ON JANUARY 1, 2004-05 ¹

State	Crop of 2002			Crop of 2003			
	Production	Stocks Jan 1 2004	% of Prod	Production	Stocks Dec 1 2004	Stocks Jan 1 2005	Jan % of Prod
(000) Cwt.							
California	3,528	2,100	60	3,876	3,200	2,800	72
Colorado ²	23,652	15,300	65	23,148	17,200	15,000	65
Idaho	123,180	76,500	62	131,970	93,500	84,500	64
Maine	17,030	12,100	71	19,220	15,000	12,800	67
Michigan	15,015	7,700	51	13,650	8,600	6,900	51
Minnesota	22,330	12,400	56	18,920	13,000	11,600	61
Montana	3,339	3,000	90	3,551	3,400	3,300	93
Nebraska ²	9,744	5,600	57	9,288	6,300	5,300	57
New York ²	6,510	1,600	25	5,184	2,500	1,800	35
North Dakota	27,440	17,300	63	26,765	19,600	17,500	65
Ohio	1,097	190	17	1,080	200	120	11
Oregon	20,991	15,800	75	19,775	17,000	14,500	73
Pennsylvania	3,375	1,500	44	2,640	1,200	1,100	42
Washington	93,150	44,000	47	93,810	50,000	43,000	46
Wisconsin	32,800	18,500	56	30,450	21,000	18,000	59
Total 15 States ² ..	403,181	233,590	58	403,327	271,800	238,220	59

¹ Stocks include processor holdings and most of the seed to plant the following year's crop. Seed usage for all seasons in 2004 totaled 26.4 million cwt. ² December 1, 2004 stocks revised.

POULTRY SLAUGHTER

Item	Number Slaughtered		Live Weight		Average Live Weight	
	Oct 2004	Nov 2004	Oct 2004	Nov 2004	Oct 2004	Nov 2004
	<i>1,000 Head</i>		<i>1,000 Pounds</i>		<i>Pounds</i>	
Pennsylvania						
Young Chickens	10,162 ₁	9,378 ₁	54,551 ₁	49,590 ₁	5.37 ₁	5.29 ₁
Young Turkeys						
United States						
Young Chickens	728,524	707,640	3,926,659	3,755,805	5.39	5.31
Young Turkeys	21,525	22,916	581,292	601,307	27.00	26.24

¹ Figures are not available due to disclosure of individual operations.

POTATO STOCKS

Total potato stocks stored in Pennsylvania on January 1, 2005 were 1,100,000 cwt., 27 percent less than a year ago. Stocks were down 15 percent from last month's level. December stocks were revised to 1,500,000 cwt due to some late reports being received. January 1 stocks accounted for 42 percent of the 2004 Potato Production. Of the January potato stocks, 99 percent were round whites and 1 percent were reds.

Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes not yet moved, and shrinkage, waste, and other losses that occur after the date of each report.

Potato production for the Commonwealth in 2004, 2,640,000 cwt, was 21 percent lower than the 2003 crop. There were 11,000 acres of potatoes harvested in Pennsylvania this fall, down 1,500 acres from last year and unchanged from last month's forecast. The average yield per acre was estimated at 240 cwt., down 11 percent from the 2003 yield of 270 cwt. per acre. Yield was raised 10 cwt per acre from last month's forecast due to additional reports received from our year end Acreage and Production Survey.

For the **United States** as a whole, the 15 major potato States held 238 million cwt of potatoes in storage January 1, 2005, up 2 percent from last year and 3 percent above 2003. Potatoes in storage account for 59 percent of the 2004 fall storage States' production, 1 percentage point above last year. Stocks by type were 2 percent red, 11 percent round white, 4 percent long white (Shepody), and 83 percent russets, with a smaller percentage of reds and round whites but a larger percentage of long whites and russets than a year ago.

Disappearance of 165 million cwt from the start of harvest to January 1, is down 3 percent from last year and 6 percent below two years ago.

Shrink and loss, at 20.0 million cwt, is up 15 percent from last year and 10 percent above the same date in 2003.

Eastern States stored 15.7 million cwt of potatoes on January 1, up 3 percent from last year and 12 percent above two years ago. New York's stocks are up 13 percent from last year, while Maine stocks increased 6 percent. Pennsylvania's sheds decreased 27 percent from a year ago.

TURKEYS RAISED 2004 - INTENTIONS 2005

Commonwealth producers raised 12.0 million turkeys in 2004, up 26 percent from the 9.5 million raised in 2003. Turkeys raised in the United States during 2004 totaled 264 million birds, down 4 percent from 274 million turkeys raised during 2003. Minnesota ranked first in the number raised with 46.5 million, followed by North Carolina with 39.0 million, Arkansas with 28.5 million, Missouri with 21.5 million, Virginia with 19.7 million, California with 15.7 million, and Indiana with 13.3 million. These states accounted for 70 percent of the turkeys produced in the United States during 2004.

Producers in Pennsylvania reported intentions to be 11.8 million turkeys during 2005, which would be down slightly from the turkeys raised in 2004. Turkey growers in the 23 States which produced 99 percent of the turkeys raised in 2004 intend to decrease the number of birds raised in 2005 by 2 percent. Intentions for the top seven producing States compared with 2004 are as follows: Minnesota up 2 percent, North Carolina down 5 percent, Arkansas down 2 percent, Missouri up 5 percent, Virginia up 2 percent, California down 4 percent, and Indiana up 2 percent.

The number of turkeys actually raised in 2005 may vary from growers' intentions depending on feed costs, supply of hatching eggs, cost of poults, and prices growers receive for turkeys during the next few months.

ADDRESS SERVICE REQUESTED

United States
Department of Agriculture
National Agricultural Statistics Service
Pennsylvania Statistical Office
2301 N Cameron St Room G-19
Harrisburg PA 17110-9405

PRST STD
POSTAGE & FEES PAID
USDA
PERMIT NO. G-38